

VOLTAGE RAMP GENERATOR AND CURRENT RAMP GENERATOR
INCLUDING SUCH A GENERATOR

Abstract of the Disclosure

A voltage ramp generator includes a capacitance and a charging circuit that permits generation of a charging current for the capacitance. The charging circuit for the capacitance includes a
5 current generator having a resistance R_{g2} . The charging circuit for the capacitance includes components, such as resistance R_e , that enables the capacitance charging current to be proportional to $(R_e/R_{g2})^2$. The voltage ramp generator is applicable to
10 circuits for DC voltage converters operating in a current mode.